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EXPRESS MAIL NO. EV207710124US

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**(To be used for all correspondence
after initial filing)

Application Number	09/872,761
Confirmation Number	9920
Filing Date	June 01, 2001
First Named Inventor	John T. Mulligan
Group Art Unit	1634
Examiner Name	Frank Wei Min Lu, Ph.D.
Attorney Docket No.	340078.401

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MAR 4 2003

TECH CENTER 1600/290


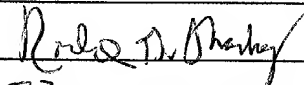
ENCLOSURES (check all that apply)

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers
(for an Application) | <input type="checkbox"/> CD(s), Number
of CD(s) _____ |
| <input checked="" type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance
Communication to Group |
| <input checked="" type="checkbox"/> Amendment/Response | <input type="checkbox"/> Request for Corrected Filing
Receipt | <input type="checkbox"/> Appeal Communication to
Board of Appeals and
Interferences |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to
Group (Appeal Notice, Brief,
Reply Brief) |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Petition | <input type="checkbox"/> Proprietary Information |
| <input checked="" type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Petition to Convert to a
Provisional Application | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Express Abandonment
Request | <input type="checkbox"/> Power of Attorney,
Revocation, Change of
Correspondence Address | <input checked="" type="checkbox"/> Return Receipt Postcard |
| <input type="checkbox"/> Information Disclosure
Statement; Form PTO-1449 | <input type="checkbox"/> Declaration | <input type="checkbox"/> Additional Enclosure(s)
(please identify below):

_____ |
| <input type="checkbox"/> Cited References | <input type="checkbox"/> Statement under 37 CFR
3.73(b) | |
| <input type="checkbox"/> Certified Copy of Priority
Document(s) | <input type="checkbox"/> Terminal Disclaimer | |
| <input type="checkbox"/> Response to Missing Parts
under 37 C.F.R. 1.52 or 1.53 | <input type="checkbox"/> Small Entity Statement | |
| <input type="checkbox"/> Response to Missing
Parts/Incomplete Application | <input type="checkbox"/> Request for Refund | |

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual Name	Richard G. Sharkey, Ph.D. Registration No. 32,629	 00500 PATENT TRADEMARK OFFICE
Signature		
Date	February 26, 2003	

VIA EXPRESS MAIL

MillicentS/3549653



EXPRESS MAIL NO. EV207710124US

PTO/SB/17 (01-03)
Approved for use through 04/30/2003. OMB 0651-0032**FEE TRANSMITTAL
for FY 2003**

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27.TOTAL AMOUNT OF PAYMENT (\$) **82**

Complete if Known	
Application Number	09/872,761
Filing Date	June 01, 2001
First Named Inventor	John T. Mulligan
Examiner Name	Frank Wei Min Lu, Ph.D.
Group Art Unit	1634
Attorney Docket No.	340078.401

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METHOD OF PAYMENT	
<input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other	
<input type="checkbox"/> Deposit Account: Deposit Account Number 19-1090 Deposit Account Name Seed Intellectual Property Law Group PLLC	
The Commissioner is authorized to (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee <input checked="" type="checkbox"/> Charge any deficiencies to the above-identified deposit account.	

FEE CALCULATION					
1. BASIC FILING FEE					
Large Entity		Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES					
Total Claims	31	-28** =	3	* Fee from below	= 27
Independent Claims	1	-3** =	0	* Fee from below	= 0
Multiple Dependent				* Prev. Paid	= 0
Large Entity					
Fee Code	Fee (\$)	Fee Description			
1202	18	Claims in excess of 20			
1201	84	Independent claims in excess of 3			
1203	280	Multiple dependent claim, if not paid			
1204	84	** Reissue independent claims over original patent			
1205	18	** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2)					(\$) 27

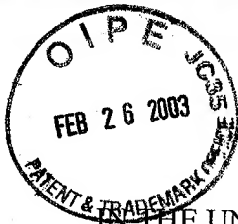
**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES					
Large Entity		Small			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2520	1812	2520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	55
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1450	2254	725	Extension for reply within fourth month	
1255	1970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1510	1451	1510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1300	2453	650	Petition to revive - unintentional	
1501	1300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee for provisional applications	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) _____					
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$) 55

SUBMITTED BY			
Name (Print/Type)	Richard G. Sharkey, Ph.D.	Registration No.	32,629
Firm Name/Address			
Signature	<i>Richard G. Sharkey</i>	Date	2/26/03

**00500**

PATENT TRADEMARK OFFICE



EXPRESS MAIL NO. EV207710124US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : John T. Mulligan and John C. Tabone
Application No. : 09/872,761
Confirmation No. : 9920
Filed : June 01, 2001
For : METHODS FOR IMPROVING THE SEQUENCE FIDELITY OF
SYNTHETIC DOUBLE-STRANDED OLIGONUCLEOTIDES

Examiner : Frank Wei Min Lu, Ph.D.
Art Unit : 1634
Docket No. : 340078.401
Date : February 26, 2003

Commissioner for Patents
Washington, DC 20231

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REPLY & AMENDMENT PURSUANT TO

37 C.F.R. §§ 1.111 & 1.121

Commissioner:

Please find enclosed a Petition for an Extension of Time and the requisite fee.

Please amend the application as follows:

In the Claims:

Please amend claims 2, 3, 6, 7 and 10 to read as follows:

2. (Amended) A method according to claim 1, wherein the column chromatography is high performance liquid chromatography (HPLC).

3. (Amended) A method according to claim 1, wherein the column chromatography is denaturing high performance liquid chromatography (DHPLC).

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